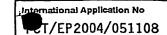
## INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G04G1/00 H01Q1/27

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 G04G H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-In	ternal, WPI Data, PAJ			
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT			
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х	US 2002/022459 A1 (KOBAYASHI TAKE 21 February 2002 (2002-02-21) page 1, paragraphs 15,16 page 2, paragraph 22 page 3, paragraphs 42,43	1-16		
X	US 6 266 019 B1 (HICKLE RANDY D 24 July 2001 (2001-07-24) the whole document	ET AL)	1,4-7	
A	GB 2 313 239 A (PYRONIX LTD) 19 November 1997 (1997-11-19) the whole document		1–16	
A	17 October 2000 (2000-10-17) the whole document	AL) -/	1–16	
X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.	
"A" docume consk "E" earlier filling c "L" docume which citatio "O" docume other	ant defining the general state of the art which is not defend to be of particular relevance document but published on or after the International date and which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the International filling date but han the priority date claimed	*T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  *&* document member of the same patent family		
	actual completion of the international search	Date of mailing of the international sea	rch report	
22 September 2004		05/10/2004		
Name and	mailing address of the ISA  European Palent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  Fax: (+31-70) 340-3016	Authorized officer Pirozzi, G		

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